



PTO/SB08a/b (07-05)

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Sheet 1 of 2

Complete if Known

Application Number	10/553,307
Filing Date	October 14, 2005
First Named Inventor	John C. Gebler
Art Unit	N/A
Examiner Name	Not Yet Assigned /Robert Xiaoyun Xu/
Attorney Docket Number	64254(49991)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	6,027,847	02/22/00	WILSON, John C., et al.	
	AB	5,459,006	10/17/95	WILSON, John C., et al.	
	AC	5,508,140	04/16/96	WILSON, John C., et al.	
	AD	5,512,407	04/30/96	WILSON, John C., et al.	
	AE	5,547,803	08/20/96	WILSON, John C., et al.	
	AF	5,561,020	10/01/96	WILSON, John C., et al.	
	AG	4,837,392	06/06/89	ANDERSON, James H., et al.	
	AH	3,736,349	05/29/73	GILLHAM, Helen C., et al.	
	AI	5,081,633	10/29/91	MEGURO, Hiroshi, et al.	
	AJ	3,140,283	07/07/64	DEPOORTER, Henri, et al.	
	AK	4,947,000	08/07/90	MEGURO, Hiroshi, et al.	
	AL	4,036,889	07/19/77	CHOPDEKAR, Vilas M.	
	AM	5,554,474	09/10/96	VREELAND, William B., et al.	
	AN	5,902,904	05/11/99	LANEMAN, Scott A., et al.	
	AO	4,073,803	02/14/78	AXEN, Udo F.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CA		HUANG et al. "A Picomole-Scale Method for Charge Derivatization of Peptides for Sequence Analysis by Mass Spectrometry", Anal. Chem., 1998, v. 69, pp. 137-144	
CB		MAMER et al. "Enhancement of Mass Spectrometric Detection of LTC4, LTD4, and LTD4 by Derivatization", J. Am. Soc. Mass Spectrom., 1994, v. 5, pp. 292-298	
CC		HUANG et al. "Protein Sequencing by Matrix-Assisted Laser Desorption Ionization-Postsource Decay-Mass Spectrometry Analysis of the N-Tris (2, 4, 6-trimethoxyphenyl) phosphonium Acetylated Tryptic Digests", Anal. Biochem., 1999, v. 268, pp. 305-317	
CD		SADAGOPAN et al. "Investigation of the Tris(trimethoxyphenyl) phosphonium Acetyl Charged Derivatives of Peptides by electrospray ionization Mass Spectrometry and Tandem Mass Spectrometry", J. Am. Mass Spectrom., 2000, v. 11, pp. 107-119	
CE		SHEN et al. "Interpretation of MALDI Postsource Decay Spectra of Charge-Derivatized Peptides: Some Examples of Tris [(2, 4, 6-Trimethoxyphenyl) Phosphonium]-Tagged Proteolytic Digestion Products of Phosphoenolpyruvate Carboxylase", J. Am. Soc. Mass Spectrom., 2000, v. 11 pp. 145-152	

Examiner Signature	/Robert Xiaoyun Xu/	Date Considered	06/01/2009
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.X./

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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	64254(49991)

	CF	LEAVENS et al. "Derivatization for liquid chromatography/electrospray mass spectrometry synthesis of tris (trimethoxyphenyl) phosphonium compounds and their derivatives of amine and carboxylic acids", Rapid Commun. Mass Spectrom., 2002, v. 16, pp. 433-441	
	CG	BARRY et al. "Use of S-pentafluorophenyl tris (2,4,6-trimethoxyphenyl) phosphonium acetate bromide and (4-hydrazino-4-oxobutyl) [tris(2,4,6-trimethoxyphenyl) phosphonium bromide for the derivatization of alcohols, aldehydes and ketones for detection by liquid chromatography/electrospray mass spectrometry", Rapid Commun. Mass Spectrom., 2003, v. 17, pp.484-497	
	CH	ADAMCZYK et al. "Charge Derivatization of Peptides to Simplify their Sequencing with an Ion Trap Mass Spectrometer", Rapid Commun. Mass Spectrom., v. 13, pp. 1413-1422	
	CI	SMOLKA et al. "Optimization of the Isotope-Coded Affinity Tag-Labeling Procedure for Quantitative Proteome Analysis", Analytical Biochemistry, 2001, v. 297, pp.25-31	

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Examiner Signature	/Robert Xianyun Xu/	Date Considered	06/01/2009
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